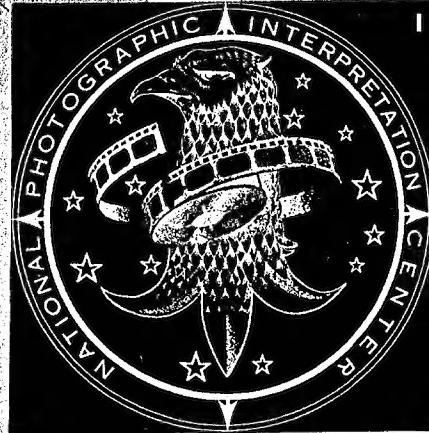


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PHOTOGRAPHIC INTERPRETATION REPORT



Job 69B00041R  
Box #1 Folder #24

BLACK SHIELD  
MISSION X-001

31 MAY 1967

NPIC/R-112/67  
JUNE 1967

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

~~SECRET~~

~~SECRET~~

BLACK SHIELD X001, 31 MAY 1967

R-112/67

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BLACK SHIELD X001, 31 MAY 1967

R-112/67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF MISSION BLACK SHIELD X001, 31 MAY 1967.

THE HEADER LINE FOR EACH TARGET, READING FROM LEFT TO RIGHT, CONTAINS THE TARGET NAME, COUNTRY CODE, GEOGRAPHIC COORDINATES, AND COMOR NUMBER.

PHOTO REFERENCE DATA INCLUDES FRAME NUMBERS, AND SYMBOLS DENOTING CONDITIONS, PHOTO INTERPRETABILITY, TARGET COVERAGE, AND THE MODE.

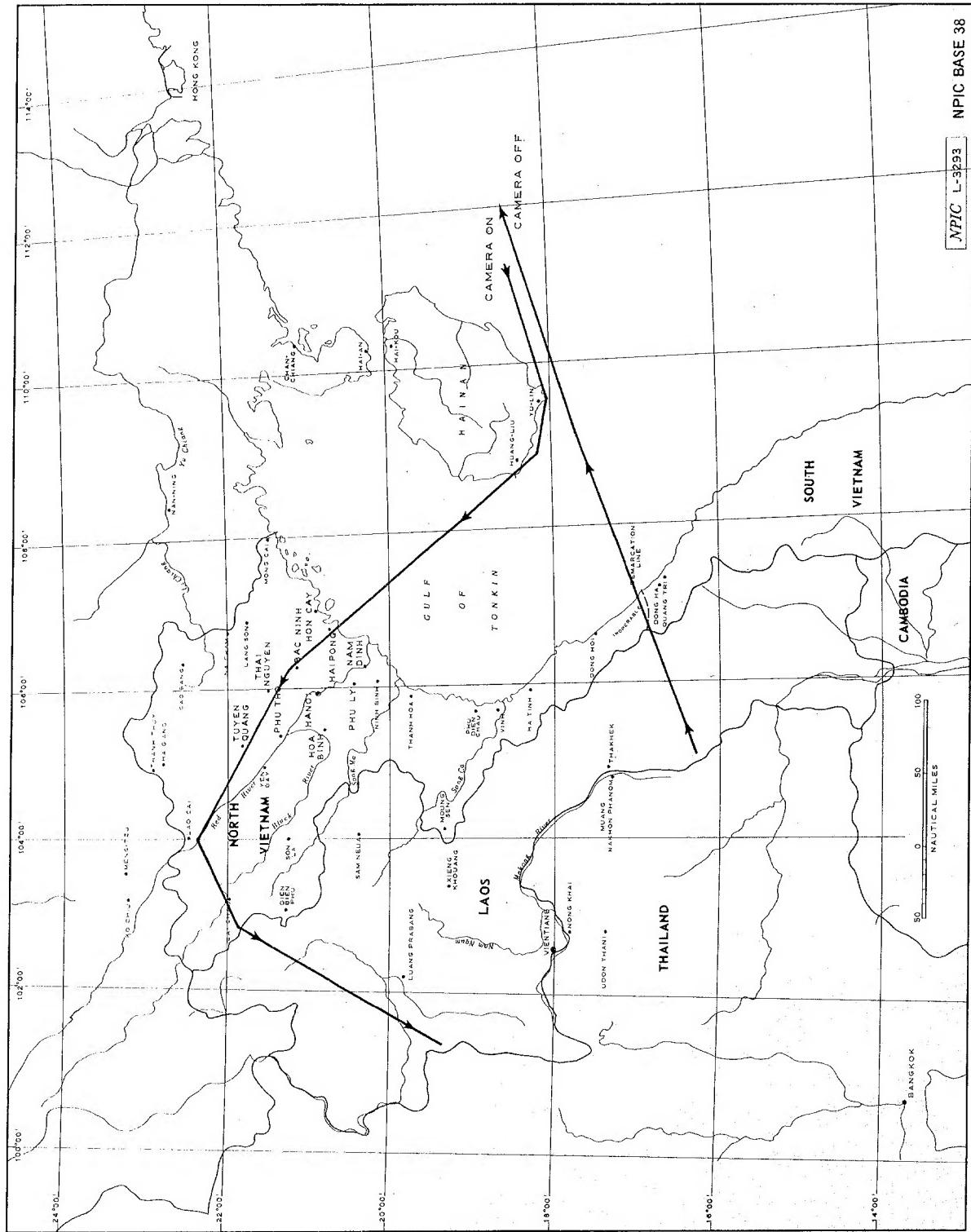
SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMITDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

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NPIC/R-112/67



3

~~SECRET~~

## **Missiles**

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BLACK SHIELD X001, 31 MAY 1967

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MISSILES

LAO CAI SAM SEARCH

VN 2229N 10359E

NO SAM ACTIVITY OBSERVED.



DIEN BIEN PHU SAM SEARCH

VN 2123N 10301E

APPROXIMATELY 40 PERCENT OF THE SEARCH AREA COVERED BY 20 PERCENT CLOUD-FREE PHOTOGRAPHY. NO SAM INSTALLATIONS OBSERVED IN CLOUD-FREE AREAS.



HA NOI SAM SITE A10-2 (14)

VN 2101N 10558E

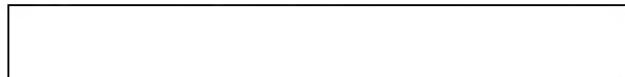
SITE CONSISTS OF AT LEAST 4 OCCUPIED REVETTED LAUNCH POSITIONS WITH POSSIBLE MISSILES, AND AN OCCUPIED REVETTED CENTRAL GUIDANCE AREA.  
OB -- 4 POSSIBLE SA-2 MISSILES AND A GUIDANCE RADAR.



HA NOI SAM SITE A19-2 (15)

VN 2055N 10550E

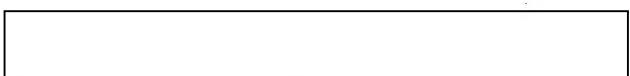
SITE CONSISTS OF AT LEAST 2 OCCUPIED REVETTED LAUNCH POSITIONS WITH POSSIBLE MISSILES.  
OB -- 2 POSSIBLE SA-2 MISSILES.



HA NOI SAM SITE A29-2 (14)

VN 2104N 10541E

SITE IS UNOCCUPIED.



HA NOI SAM SITE B12-2 (3)

VN 2056N 10604E

IDENTIFICATION ONLY.



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~~SECRET~~

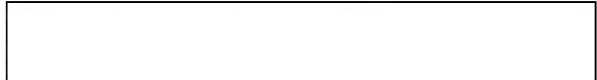
BLACK SHIELD X001, 31 MAY 1967

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HA NOI SAM SITE B29-2 (17)

VN 2104N 10539E

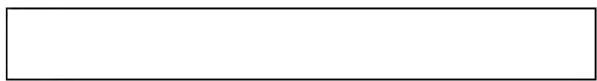
IDENTIFICATION ONLY.



HA NOI SAM SITE B30-2 (16)

VN 2106N 10539E

IDENTIFICATION ONLY.



HA NOI SAM SITE B17-2 (1)

VN 2047N 10554E

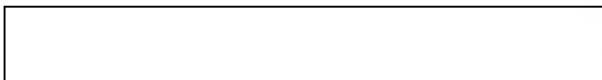
IDENTIFICATION ONLY.



HA NOI SAM SITE B21-2 (2)

VN 2051N 10545E

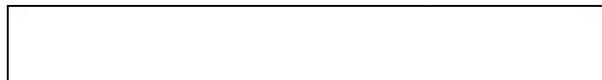
IDENTIFICATION ONLY.



HA NOI SAM SITE D31-2 (8)

VN 2121N 10522E

SITE IS UNOCCUPIED.



HA NOI SAM SITE A11-2 (9)

VN 2100N 10555E

SITE CONSISTS OF 4 OCCUPIED LAUNCH POSITIONS WITH POSSIBLE MISSILES, 1 POSSIBLY OCCUPIED POSITION, 1 UNOCCUPIED POSITION, AND AN OCCUPIED CENTRAL GUIDANCE AREA.

OB -- 4 POSSIBLE SA-2 MISSILES AND A GUIDANCE RADAR.



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BLACK SHIELD X001, 31 MAY 1967

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HA NOI SAM SITE D36-2 (39)

VN 2132N 10547E

SITE IS UNOCCUPIED.



HA NOI SAM SITE C06-2 (32)

VN 2119N 10615E

SITE CONSISTS OF 5 OCCUPIED, REVETTED LAUNCH POSITIONS (AT LEAST 3 WITH MISSILES), 1 UNOCCUPIED REVETTED LAUNCH POSITION, AND AN OCCUPIED UNREVETTED CENTRAL GUIDANCE AREA.

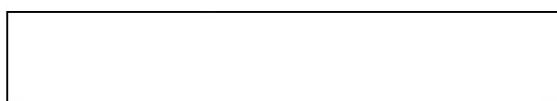
OB -- AT LEAST 3 SA-2 MISSILES AND A GUIDANCE RADAR.



HA NOI SAM SITE C07-2 (30)

VN 2116N 10619E

IDENTIFICATION ONLY.



HA NOI SAM SITE D31B-2 (29)

VN 2123N 10520E

IDENTIFICATION ONLY.



HAI PHONG SAM SITE A29-2 (21)

VN 2052N 10634E

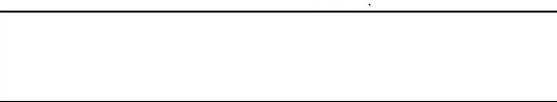
AT LEAST 4 POSITIONS UNOCCUPIED.



HAI PHONG SAM SITE A20-2 (25)

VN 2044N 10639E

SITE IS UNOCCUPIED.



**SECRET**

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HAI PHONG SAM SITE A29A-2 (37)

VN 2053N 10631E

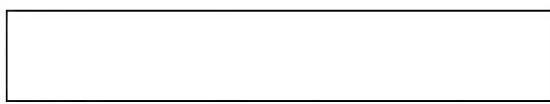
SITE IS UNOCCUPIED.



HAI PHONG SAM SITE B33-2 (38)

VN 2107N 10630E

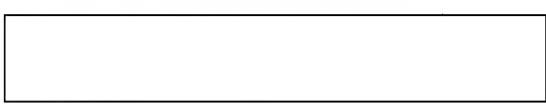
SITE IS UNOCCUPIED.



HAI PHONG SAM SITE B06-2 (47)

VN 2058N 10651E

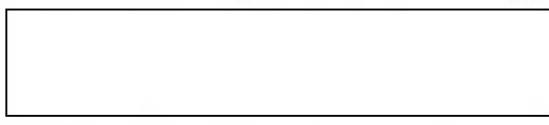
IDENTIFICATION ONLY.



HAI PHONG SAM SITE C32-2 (58)

VN 2106N 10623E

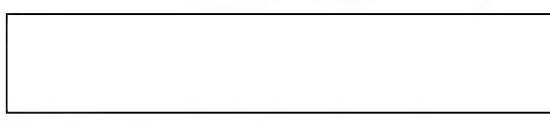
IDENTIFICATION ONLY.



HAI PHONG SAM SITE C32A-2 (59)

VN 2106N 10622E

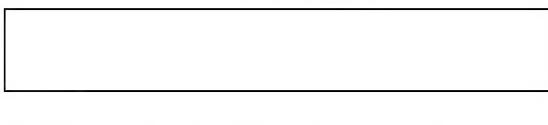
SITE IS UNOCCUPIED.



HAI PHONG SAM SITE B28-2 (60)

VN 2052N 10620E

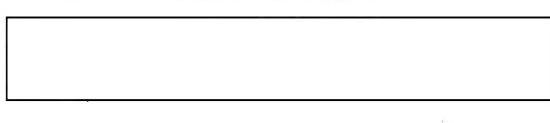
SITE IS UNOCCUPIED.



HAI PHONG SAM SITE A07-2 (55)

VN 2055N 10650E

SITE IS UNOCCUPIED.



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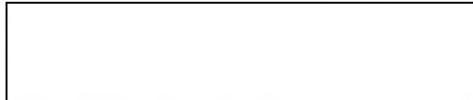
BLACK SHIELD X001, 31 MAY 1967

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HAI PHONG SAM SITE A23-2 (66)

VN 2045N 10635E

SITE IS UNOCCUPIED.



HAI PHONG SAM SITE A33-2 (71)

VN 2056N 10636E

SITE IS UNOCCUPIED.



HAI PHONG SAM SITE C30-2 (72)

VN 2101N 10619E

AT LEAST 3 LAUNCH POSITIONS ARE UNOCCUPIED.



HAI PHONG SAM SITE C28-2 (73)

VN 2053N 10617E

SITE IS UNOCCUPIED.



HAI PHONG SAM SITE A02-2 (85)

VN 2056N 10642E

SITE IS UNOCCUPIED.



HAI PHONG SAM SUPPORT FACILITY

VN 2050N 10635E

FACILITY CONSISTS OF 1 DRIVE-THROUGH BUILDING, 5 DESTROYED/DISMANTLED BUILDINGS, AND 2 SUPPORT BUILDINGS. NO MISSILES OR MISSILE-RELATED ACTIVITY OBSERVED.



HAI PHONG SAM SITE A33A-2 (93)

VN 2054N 10638E

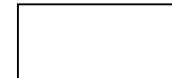
SITE CONSISTS OF 6 OCCUPIED LAUNCH POSITIONS AND AN OCCUPIED CENTRAL GUIDANCE AREA.

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OB -- 6 SA-2 MISSILES AND GUIDANCE RADAR.



HAI PHONG SAM SITE D02-2 (69)

VN 2025N 10601E

IDENTIFICATION ONLY. ✓



THANH HOA SAM SITE D03-2 (79)

VN 2021N 10604E

IDENTIFICATION ONLY.



THANH HOA SAM SITE D04A-2 (112)

VN 2020N 10611E

IDENTIFICATION ONLY. ✓



HA NOI SAM SITE B30A-2 (43)

VN 2108N 10535E

IDENTIFICATION ONLY.

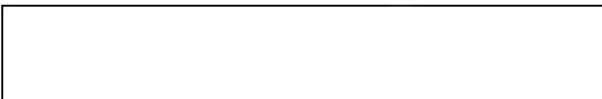


HA NOI SAM SITE A17A-2 (45)

VN 2052N 10554E

SITE CONSISTS OF 4 OCCUPIED REVETTED LAUNCH POSITIONS  
WITH MISSILES, AND AN OCCUPIED REVETTED CENTRAL  
GUIDANCE AREA. ✓

OB -- 4 SA-2 MISSILES AND 1 PROBABLE FAN SONG RADAR  
WITH ASSOCIATED VANS.



HA NOI SAM SITE B33-2 (64)

VN 2110N 10544E

SITE CONSISTS OF 6 OCCUPIED REVETTED LAUNCH POSITIONS  
WITH MISSILES AND AN OCCUPIED REVETTED CENTRAL GUIDANCE  
AREA. ✓

~~SECRET~~

BLACK SHIELD X001, 31 MAY 1967

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OB -- 6 SA-2 MISSILES AND A PROBABLE FAN SONG RADAR AND ASSOCIATED VANS.

[REDACTED]

HA NOI SAM SITE D35-2 (75)

VN 2138N 10537E

SITE IS UNOCCUPIED.

[REDACTED]

HA NOI SAM SITE C13-2 (81)

VN 2045N 10613E

SITE IS UNOCCUPIED.

[REDACTED]

HA NOI SAM SITE C11-2 (84)

VN 2055N 10615E

ONLY 2 LAUNCH POSITIONS AND CENTRAL GUIDANCE AREA OBSERVED. THE 2 POSITIONS ARE OCCUPIED BY UNIDENTIFIED OBJECTS. CENTRAL GUIDANCE AREA CONTAINS 5 VANS AND A PROBABLE FAN SONG RADAR.

OB -- PROBABLE FAN SONG RADAR AND 5 ASSOCIATED VANS.

[REDACTED]

HA NOI SAM SITE C12-2 (88)

VN 2052N 10611E

SITE IS UNOCCUPIED.

[REDACTED]

HA NOI SAM SITE C30D-2 (92)

VN 2112N 10530E

IDENTIFICATION ONLY.

[REDACTED]

HA NOI SAM SITE B07-2 (95)

VN 2108N 10609E

SITE IS UNOCCUPIED.

[REDACTED]

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[REDACTED]

HA NOI SAM SITE D06-2 (105)

VN 2118N 10621E

IDENTIFICATION ONLY.

[REDACTED]

HA NOI SAM SITE B34-2 (117)

VN 2114N 10544E

IDENTIFICATION ONLY.

[REDACTED]

HAI PHONG SAM SITE A27-2 (99)

VN 2051N 10637E

SITE CONSISTS OF AT LEAST 2 OCCUPIED REVETTED LAUNCH POSITIONS WITH PROBABLE MISSILES, AND AN OCCUPIED CENTRAL GUIDANCE AREA.

OB -- 2 PROBABLE SA-2 MISSILES AND A GUIDANCE RADAR.

[REDACTED]

HAI PHONG SAM SITE B34-2 (104)

VN 2104N 10634E

SITE IS UNOCCUPIED.

[REDACTED]

HAI PHONG SAM SITE A06-2 (135)

VN 2056N 10648E

IDENTIFICATION ONLY.

[REDACTED]

HAI PHONG SAM SITE A14-2 (137)

VN 2049N 10643E

IDENTIFICATION ONLY.

[REDACTED]

~~SECRET~~

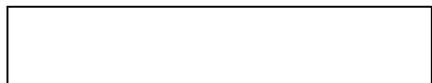
BLACK SHIELD X001, 31 MAY 1967

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HAI PHONG SAM SITE B06B-2 (139)

VN 2057N 10651E

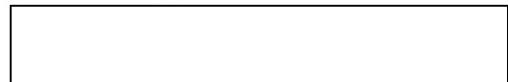
IDENTIFICATION ONLY.



HAI PHONG SAM SITE D22-2 (152)

VN 2024N 10624E

IDENTIFICATION ONLY.



HAI PHONG SAM SITE C21-2 (157)

VN 2024N 10630E

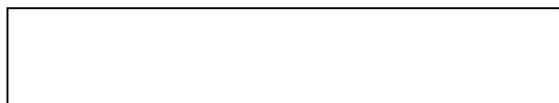
SITE IS UNOCCUPIED.



HAI PHONG SAM SITE D23-2 (174)

VN 2028N 10614E

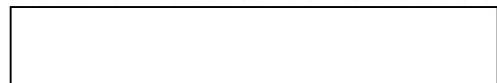
AT LEAST 3 POSITIONS UNOCCUPIED.



HA NOI SAM SITE B17A-2 (118)

VN 2051N 10555E

SITE RETURNED TO CULTIVATION.



HA NOI SAM SITE B01-2 (119)

VN 2117N 10553E

SITE CONSISTS OF 5 OCCUPIED LAUNCH POSITIONS WITH ✓  
MISSILES, 1 UNOCCUPIED LAUNCH POSITION, AND AN OCCUPIED  
GUIDANCE AREA.

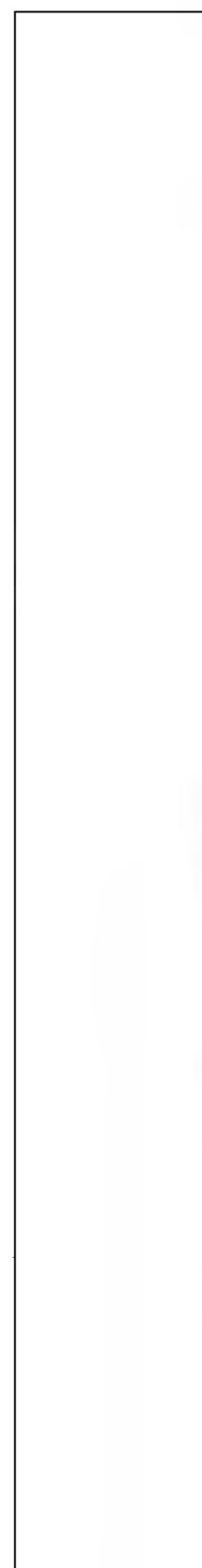
OB -- 5 SA-2 MISSILES AND A GUIDANCE RADAR.



HA NOI SAM SITE A33-2 (125)

VN 2109N 10546E

SITE IS UNOCCUPIED.



~~SECRET~~

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[REDACTED]

HA NOI SAM SITE D36A-2 (126)

VN 2135N 10550E

IDENTIFICATION ONLY.

[REDACTED]

HA NOI SAM SITE B35-2 (132)

VN 2112N 10548E

SITE RETURNED TO CULTIVATION.

[REDACTED]

HA NOI SAM SITE A01-2 (133)

VN 2107N 10552E

FIVE POSITIONS OCCUPIED BY LAUNCHERS WITH MISSILES, AND  
1 UNOCCUPIED POSITION. GUIDANCE AREA CONTAINS PROBABLE  
FAN SONG RADAR AND AT LEAST 2 VANS.  
OB -- 5 SA-2 MISSILES AND A FAN SONG RADAR.

[REDACTED]

HA NOI SAM SITE C03A-2 (141)

VN 2119N 10602E

IDENTIFICATION ONLY.

[REDACTED]

HA NOI SAM SITE A14-2 (142)

VN 2056N 10558E

IDENTIFICATION ONLY.

[REDACTED]

HA NOI SAM SITE B07A-2 (148)

VN 2109N 10608E

SITE IS UNOCCUPIED.

[REDACTED]

~~SECRET~~

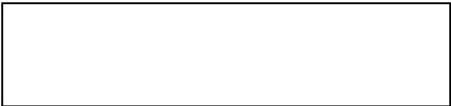
BLACK SHIELD X001, 31 MAY 1967

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HA NOI SAM SITE C17-2 (147)

VN 2036N 10601E

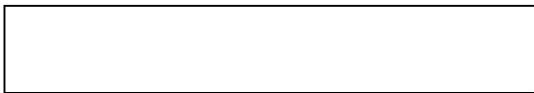
SITE IS UNOCCUPIED.



HA NOI SAM SITE A31-2 (159)

VN 2104N 10546E

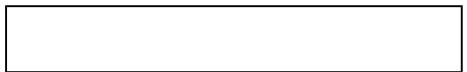
SITE CONSISTS OF AT LEAST 5 OCCUPIED LAUNCH POSITIONS  
WITH POSSIBLE MISSILES AND AN OCCUPIED GUIDANCE AREA.  
OB -- 5 POSSIBLE SA-2 MISSILES AND GUIDANCE RADAR.



HA NOI SAM SITE C17A-2 (161)

VN 2037N 10557E

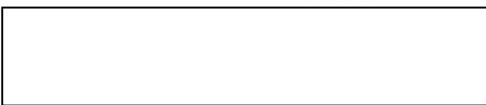
SITE IS UNOCCUPIED.



HA NOI SAM SITE B16-2 (162)

VN 2049N 10557E

SITE IS UNOCCUPIED.



HA NOI SAM SITE C17B-2 (165)

VN 2033N 10600E

SITE IS UNOCCUPIED.



HA NOI SAM SITE C16-2 (166)

VN 2041N 10605E

SITE IS UNOCCUPIED.



HA NOI SAM SITE D36B-2 (168)

VN 2134N 10546E

SITE IS UNOCCUPIED.



~~SECRET~~

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HA NOI SAM SITE B13-2 (184)

VN 2050N 10605E

SITE IS UNOCCUPIED.



VINH LINH SAM SITE A25-2 (177)

VN 1701N 10655E

SITE IS UNOCCUPIED.



VINH LINH SAM SITE A26-2 (187)

VN 1701N 10654E

SITE IS UNOCCUPIED.



YU-LIN COASTAL DEFENSE AND RADAR SITE CH 1811N 10929E

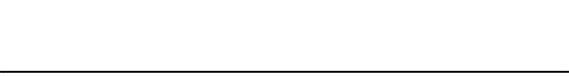
3.5 NM SW OF YU-LIN ON LU-HUI-TOU CHIAO (POINT). SITE CONSISTS OF TWO 4-GUN UNOCCUPIED COASTAL DEFENSE POSITIONS AND 2 RADAR PADS. COASTAL DEFENSE POSITIONS ARE ON SOUTHERN SLOPE OF HILL. EASTERNMOST POSITIONS ARE UNDER CONSTRUCTION WITH ADITS TO THE REAR. WESTERNMOST POSITIONS ARE COMPLETE WITH COVERED FIRING POSITIONS. RADAR PADS ARE ON TOP OF THE HILL. TWO SMALL SUPPORT BUILDINGS AND AN OCCUPIED 4-GUN LIGHT AAA SITE ARE ADJACENT. A SUPPORT AREA CONTAINING 1 ADMINISTRATION, 15 BARRACKS, 1 MESSHALL, AND 17 SUPPORT BUILDINGS IS WEST OF THE RADAR PADS. FOUR ADITS ARE JUST SOUTH OF THE SUPPORT AREA.

OB -- 4 LIGHT AAA PIECES, 4 CARGO TRUCKS, AND 1 LARGE UNIDENTIFIED PIECE OF EQUIPMENT BEING TOWED TOWARD THE COASTAL DEFENSE SITE UNDER CONSTRUCTION.



HAI PHONG SAM SUPPORT FACILITY/ASSEMBLY AR VN 2056N 10628E

NO MISSILES OR MISSILE-ASSOCIATED EQUIPMENT OBSERVED.



## **Air Facilities**

**SECRET**

BLACK SHIELD X001, 31 MAY 1967

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AIR FACILITIES

LING-SHUI AIRFIELD

CH 1829N 10959E

OB -- AT LEAST 9 PROBABLE FAGOT/FRESCO.

HAIPHONG/CAT BI AIRFIELD

VN 2049N 10643E

OB -- NONE OBSERVED.

HAIPHONG/KIEN AN AIRFIELD

VN 2048N 10636E

OB -- NONE OBSERVED.

HANOI/BAC MAI AIRFIELD

VN 2059N 10550E

OB -- NONE OBSERVED.

HANOI/GIA LAM AIRFIELD

VN 2102N 10553E

OB -- 9 FAGOT/FRESCO, 3 COLT, 1 POSSIBLE COLT FUSELAGE,  
1 CRATE WITH LEFT WING REMOVED.

PHUC YEN AIRFIELD

VN 2113N 10548E

HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION.  
OB -- 1 FISHBED OBSERVED.

~~SECRET~~

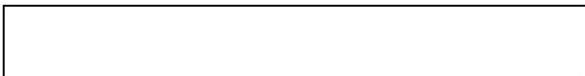
BLACK SHIELD X001, 31 MAY 1967

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HOA LAC AIRFIELD

VN 2101N 10531E

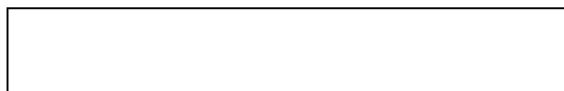
IDENTIFICATION ONLY.



HA NOI HELICOPTER DISP AREA

VN 2105N 10550E

HELICOPTER DISPERSAL AREA LOCATED 3.8 NM NORTH OF HA NOI ON NORTH BANK OF RED RIVER FROM WJ855325 TO WJ871318 CONTAINS AT LEAST 5 HOOK. A ROAD AND SMALL PARKING AREA ON THE NORTH SIDE OF THE AREA SERVES AS A PROBABLE TRANSSHIPPING POINT.  
OB -- 5 HOOK.



**Naval  
Activity/  
Ports**

**SECRET**

BLACK SHIELD X001, 31 MAY 1967

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**NAVAL ACTIVITY/PORTS**

YU-LIN NAVAL BASE AND PORT

CH 1813N 10931E

LOCATED AT SE EDGE OF YU-LIN.

YU-LIN NAVAL BASE AND SHIPYARD, BE 0618-00001 --

FACILITIES INCLUDE 2 WHARVES, 2 MARINE RAILWAYS (EACH WITH 3 WAYS), A FLOATING SHEARLEGS CRANE AND NUMEROUS SUPPORT BUILDINGS.

YU-LIN PORT FACILITIES, BE 0618-00107 -- FACILITIES INCLUDE A PIER, A QUAY (WITH 4 TEMPORARY HORIZONTAL POL TANKS), SEVERAL SUPPORT BUILDINGS, AND A GRAVING DOCK UNDER CONSTRUCTION (APPARENTLY COMPLETELY EXCAVATED WITH PROBABLE FOOTINGS/PILINGS IN POSITION NEAR THE CENTER OF THE EXCAVATION).

OB -- 1 KIANGNAN DE UNDERWAY APPROXIMATELY 3 NM SOUTH OF YU-LIN HEADING SOUTH.

AT NAVAL BASE -- 3 KRONSHTADT-CLASS PC, 3 SHANGHAI-CLASS PTF, 11 POSSIBLE P-4-CLASS PT, 1 U.S. LST-1 LST, AND 5 SMALL CRAFT.

AT PORT FACILITY -- 8 SHANGHAI-CLASS PTF (2 MOORED IN ROADSTEAD), 1 POSSIBLE COMBATANT MOORED IN ROADSTEAD, 3 SMALL CRAFT, AND 4 CONSTRUCTION SUPPORT BARGES AT GRAVING DOCK AREA.

HAI PHONG PORT FACILITIES

VN 2052N 10642E

VESSELS -- FOLLOWING DRY CARGO VESSELS OBSERVED IN PORT AREA -- 4 LARGE AND 5 SMALL CARRIERS, AND NUMEROUS BARGES. TEN DRY CARGO SHIPS (3 LARGE HATCH) AND 2 POL TANKERS OBSERVED IN ROADSTEAD.

OB -- 1 PROBABLE SHANGHAI PTF, 1 J-TYPE TRAWLER/MINESWEEPER, 1 SO-1 SC WITH DECK AWASH AT NAVAL BASE PIER, AND NUMEROUS UNIDENTIFIED SMALL CRAFT.

**SECRET**

## **Military Activity**

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BLACK SHIELD X001, 31 MAY 1967

R-112/67

MILITARY ACTIVITY

HO-KOU ARMY BARRACKS NORTH

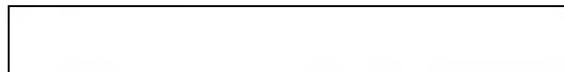
CH 2232N 10357E

1.9 NM NORTH OF HO-KOU.  
MAIN AREA CONTAINS APPROXIMATELY 65 BUILDINGS. TWO  
VEHICLE PARKS LOCATED 2.2 NM WEST AND 1.7 NM WEST OF  
THE MAIN AREA CONTAIN A TOTAL OF 16 BUILDINGS.  
OB -- 9 PROBABLE CARGO TRUCKS.



LING-SHUI POSSIBLE MILITARY BARRACKS AREA CH 1831N 11002E

IDENTIFICATION ONLY.



LING-SHUI MILITARY TRAINING AREA

CH 1828N 10958E

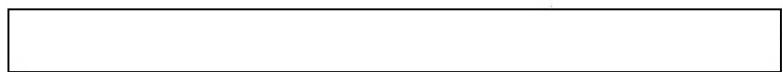
LOCATED 2.5 NM SW OF LING-SHUI.  
BARRACKS AREA APPEARS TO BE ASSOCIATED WITH LING-SHUI  
AIRFIELD (BE NO 0618-08408, COMOR 2C0072).



TSA-TI-PAO ROAD

CH 2302N 10341E

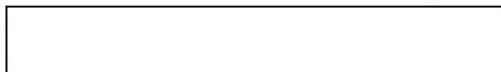
ROAD OBSERVED FROM 2253N 10333E TO THE NORTH VIETNAM  
BORDER AT 2230N 10358E. ROAD IS COMPLETE AND  
OPERATIONAL. NO NEW CONSTRUCTION OR VEHICLES OBSERVED.



HA NOI/LAO CAI RR SEGMENT 1

VN 2220N 10410E

TWENTY FIVE PIECES OF ROLLING STOCK AND 1 LOCOMOTIVE  
OBSERVED AT 22200N 1041024E AND 12 PIECES OF ROLLING  
STOCK ON SIDINGS AT 222536N 1040300E.



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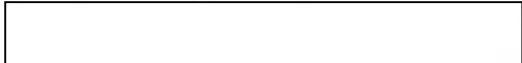
BLACK SHIELD X001, 31 MAY 1967

R-112/67

HA NOI/LAO CAI RR SEGMENT 3

VN 2140N 10456E

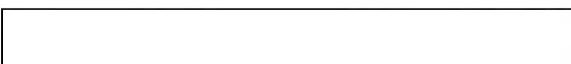
RAIL LINE OBSERVED FROM 213210N 1050200E TO 212820N 1050600E. QUALITY OF PHOTOGRAPHY PRECLUDES DETERMINATION OF SERVICEABILITY OF RAIL LINE.



HA NOI/LAO CAI RR SEGMENT 4

VN 2120N 10520E

RAIL LINE OBSERVED FROM 212820N 1050600E TO 211800N 1052700E. QUALITY OF PHOTOGRAPHY PRECLUDES DETERMINATION OF SERVICEABILITY OF RAIL LINE.



HA NOI/LAO CAI RR SEGMENT 5

VN 2110N 10548E

LINE APPEARS SERVICEABLE FROM 210805N 1055230E TO 211200N 1054510E.



LANG NHON UNIDENTIFIED CONSTRUCTION

VN 2224N 10401E

NEW CONSTRUCTION ACTIVITY OBSERVED JUST SW OF LANG NHON AND 6.2 NM SE OF LAO CAI AT UTM UK995778. ACTIVITY CONSISTS OF SHORT SEGMENTS OF A POSSIBLE HARD-SURFACE ROAD ALONG THE BASE OF A HILL SW OF LANG NHON. ADDITIONAL ROAD CONSTRUCTION ACTIVITY EXTENDS A SHORT DISTANCE TO THE NW. ACTIVITY MAY BE ASSOCIATED WITH THE MINING OBSERVED IN THE AREA.



## **Complexes**

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BLACK SHIELD X001, 31 MAY 1967

R-112/67

COMPLEXES

TUYEN QUANG COMPLEX

VN 2148N 10512E

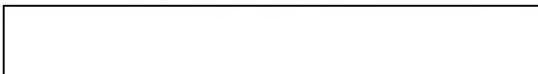
A SMALL URBAN COMPLEX LOCATED ON THE WEST BANK OF THE SONG LO (RIVER).



DIEN BIEN PHU COMPLEX

VN 2122N 10301E

COMPLEX IS ABANDONED WITH MOST OF THE BUILDINGS EITHER DESTROYED OR RAZED.



LAO CAI COMPLEX

VN 2229N 10357E

COMPLEX CONTAINS SEVERAL LIGHT INDUSTRIES, BARRACKS AREAS, STORAGE BUILDINGS, EXTENSIVE NEW ROAD CONSTRUCTION, AND MINING ACTIVITY. THE RAILROAD YARD IS ACTIVE AND CONTAINS 70 PIECES OF ROLLING STOCK, APPROXIMATELY 45 PERCENT OF THE YARD CAPACITY.



YEN VIEN RR CLASSIFICATION YARD

VN 2105N 10555E

AREA CONTAINS 12 TRACKS (MAXIMUM LENGTH 2,300 FT) AT UTM WJ956316, A TURNING WYE, AND A NEW CLASSIFICATION YARD CONSISTING OF 7 TRACKS (MAXIMUM LENGTH 2,300 FT) AT WJ970332. TWO SECURED AREAS SE OF YARD HAVE BEEN DAMAGED. TEN UNIDENTIFIED RAILROAD CARS OBSERVED IN NEW YARD.

CLOUDS AND CLOUD SHADOW LIMIT INTERPRETATION.



~~SECRET~~